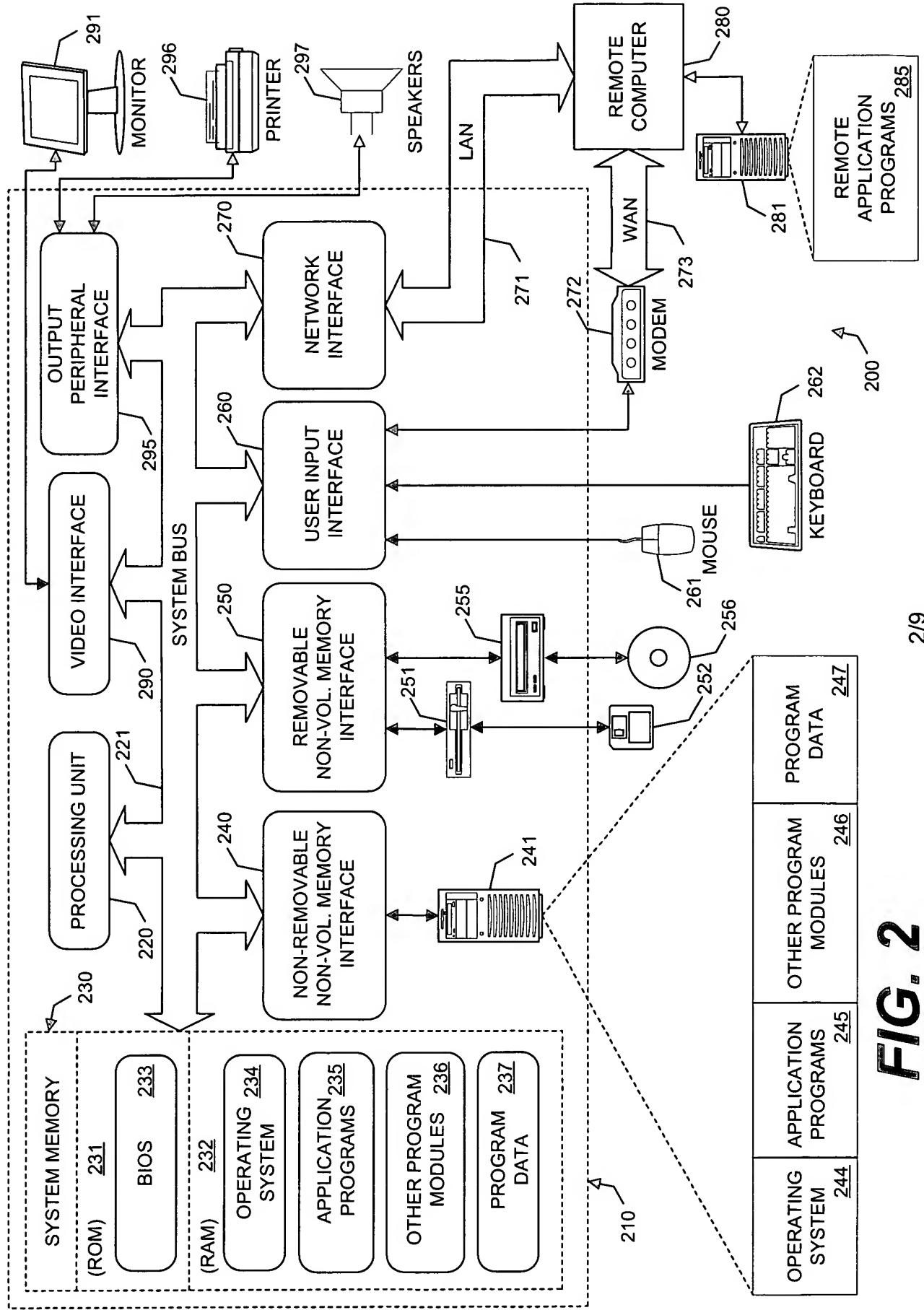
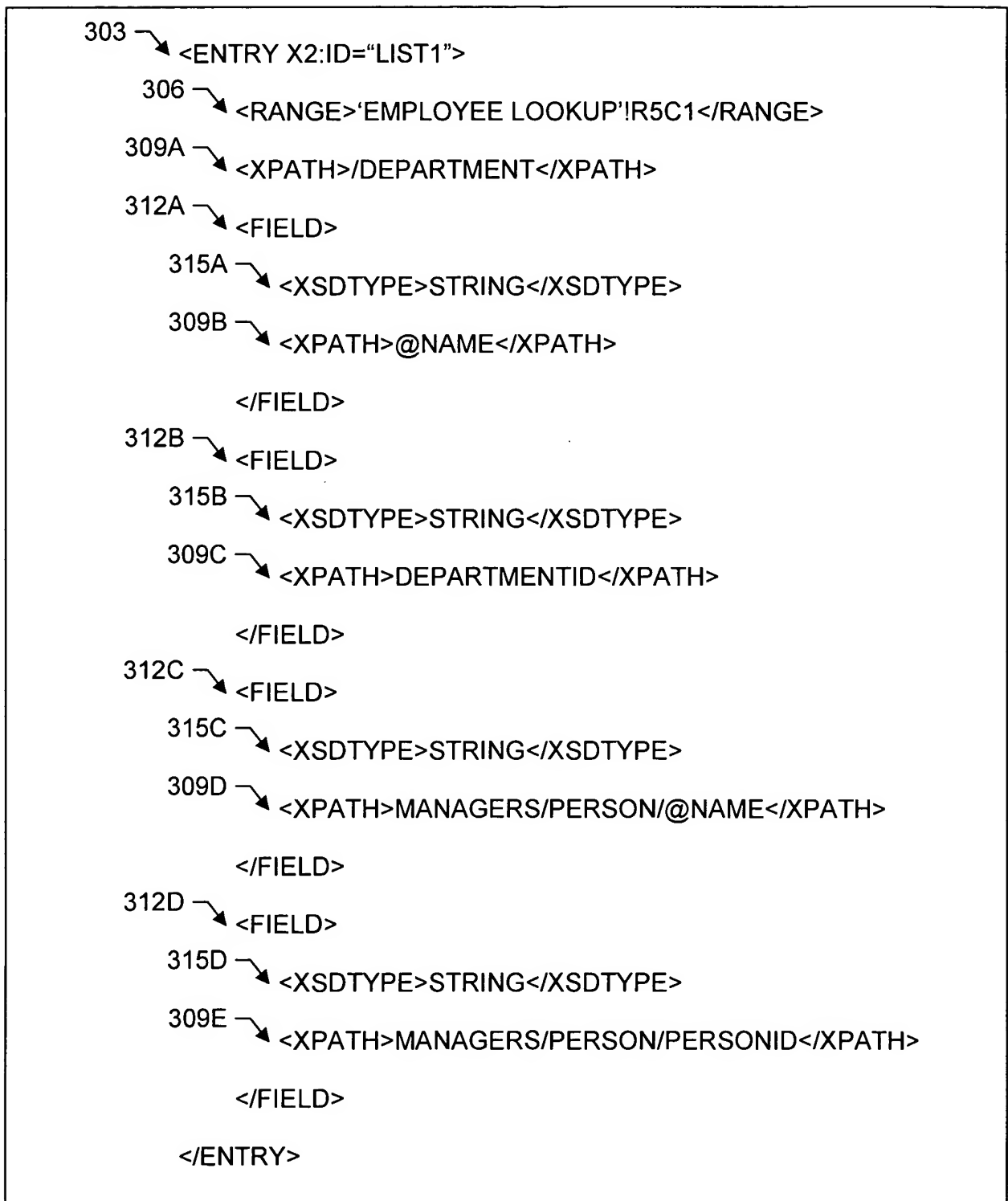


**FIG. 1**



**FIG. 2**

300 ↘



**FIG. 3**

400 ↘

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403A ↘ <DEPARTMENT NAME="ENGINEERING">
406A ↘ <DEPARTMENTID>1001</DEPARTMENTID>
409A ↘ <MANAGERS>
412A ↘ <PERSON NAME="JOHN">
415A ↘ <PERSONID>20001</PERSONID>
      </PERSON>
412B ↘ <PERSON NAME="PETER">
415B ↘ <PERSONID>20002</PERSONID>
      </PERSON>
      </MANAGERS>
      </DEPARTMENT>

403B ↘ <DEPARTMENT NAME="HUMAN RESOURCES">
406B ↘ <DEPARTMENTID>1002</DEPARTMENTID>
409B ↘ <MANAGERS>
412C ↘ <PERSON NAME="COREY">
415C ↘ <PERSONID>20003</PERSONID>
      </PERSON>
412D ↘ <PERSON NAME="PAT">
415D ↘ <PERSONID>20004</PERSONID>
      </PERSON>
      </MANAGERS>
      </DEPARTMENT>
```

**FIG. 4**

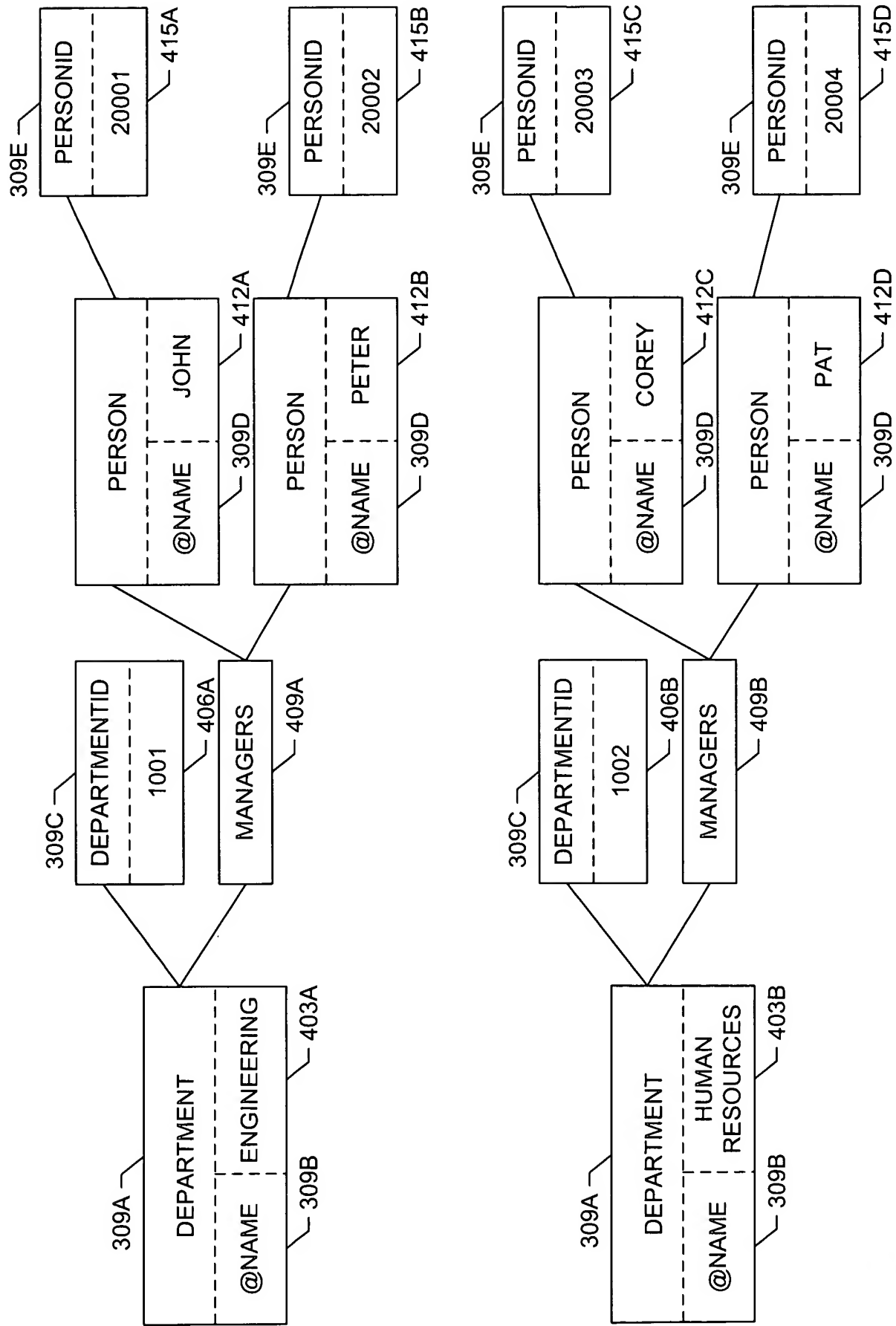
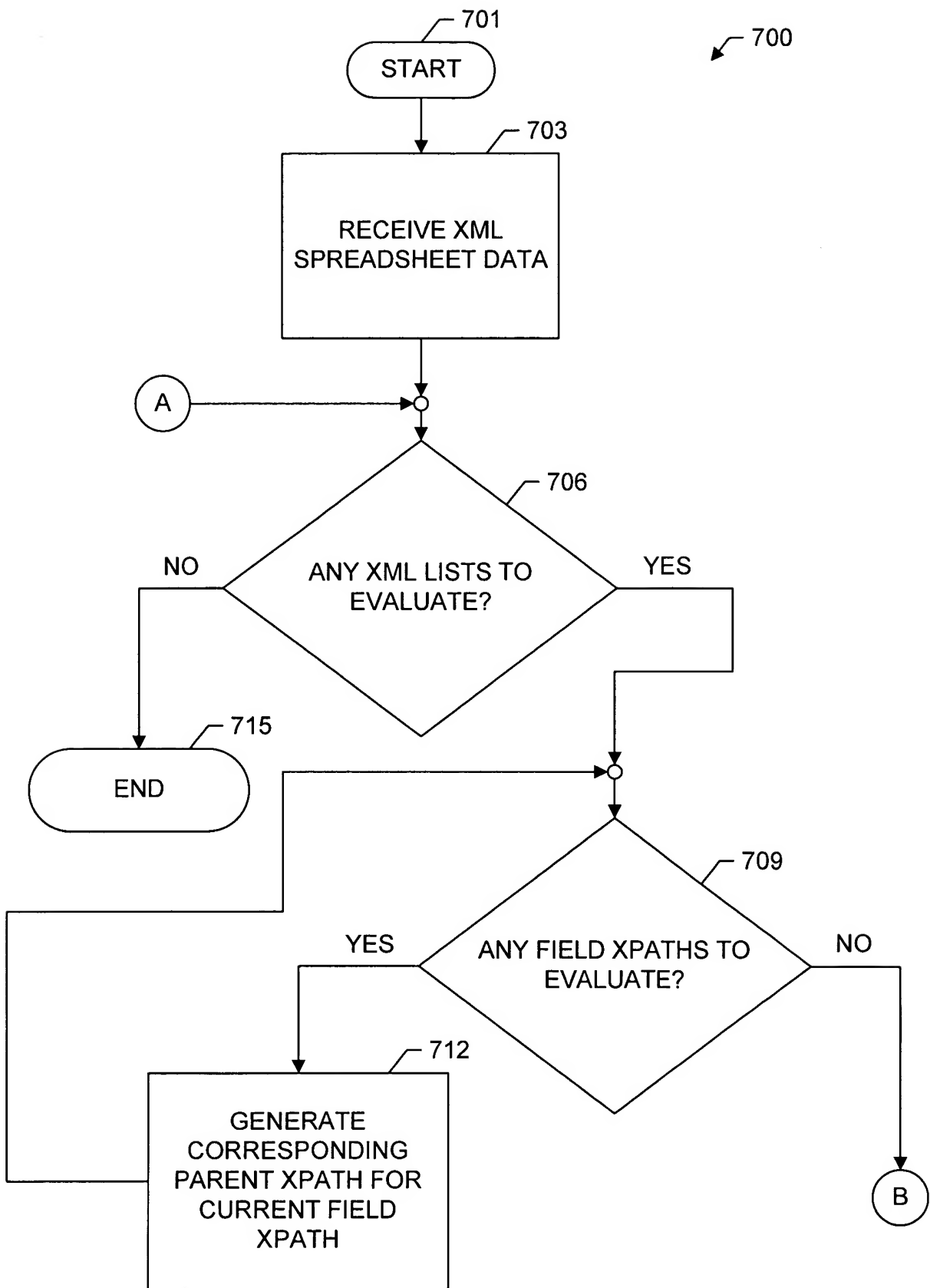


FIG. 5

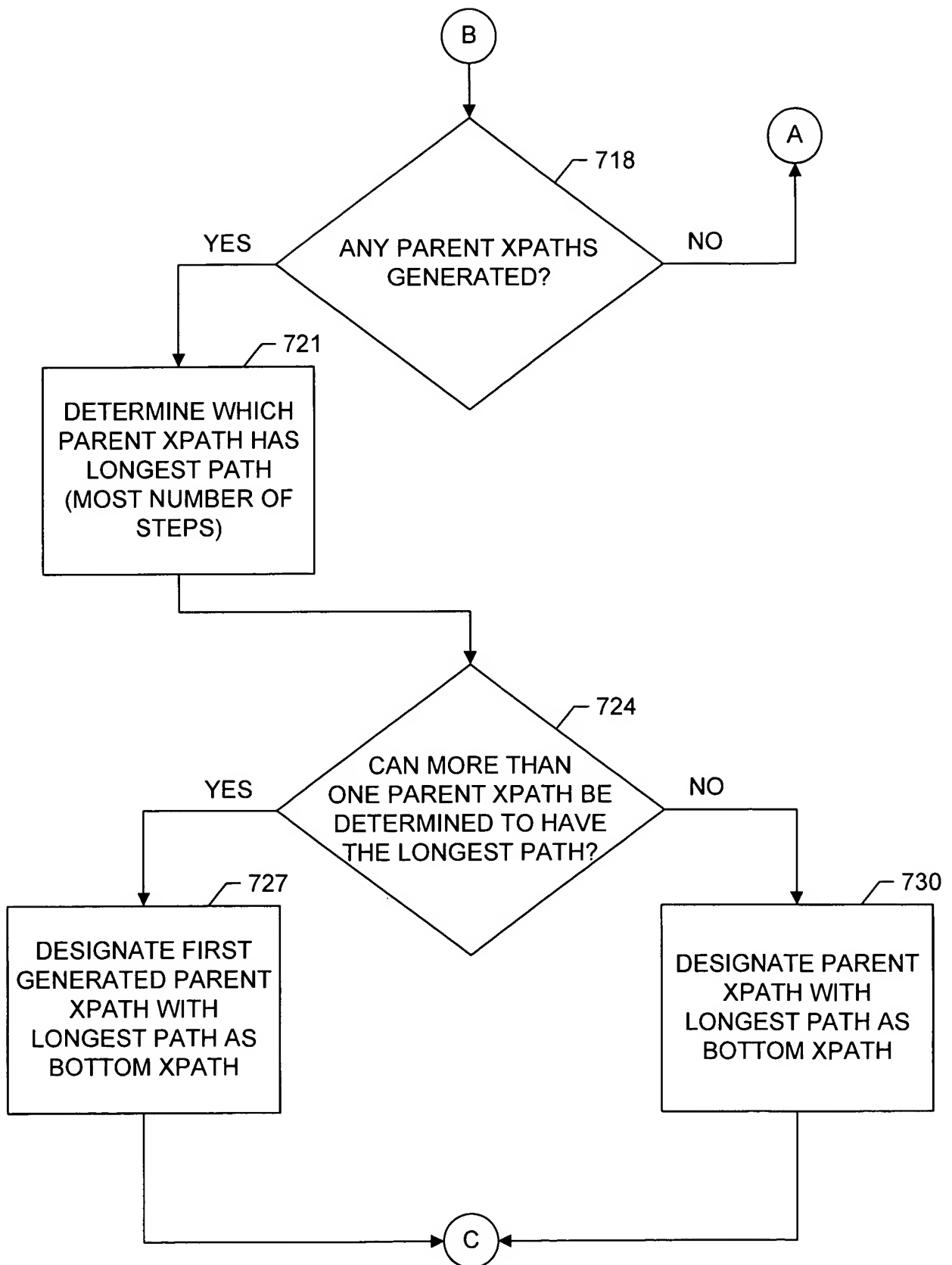
600 →

	603		606		612		615
	A		B		C		D
618	1	NAME	DEPARTMENTID		NAME2		PERSONID
621	2	ENGINEERING	1001		JOHN		20001
624	3	ENGINEERING	1001		PETER		20002
627	4	HUMAN RESOURCES	1002		COREY		20003
630	5	HUMAN RESOURCES	1002		PAT		20004

FIG. 6

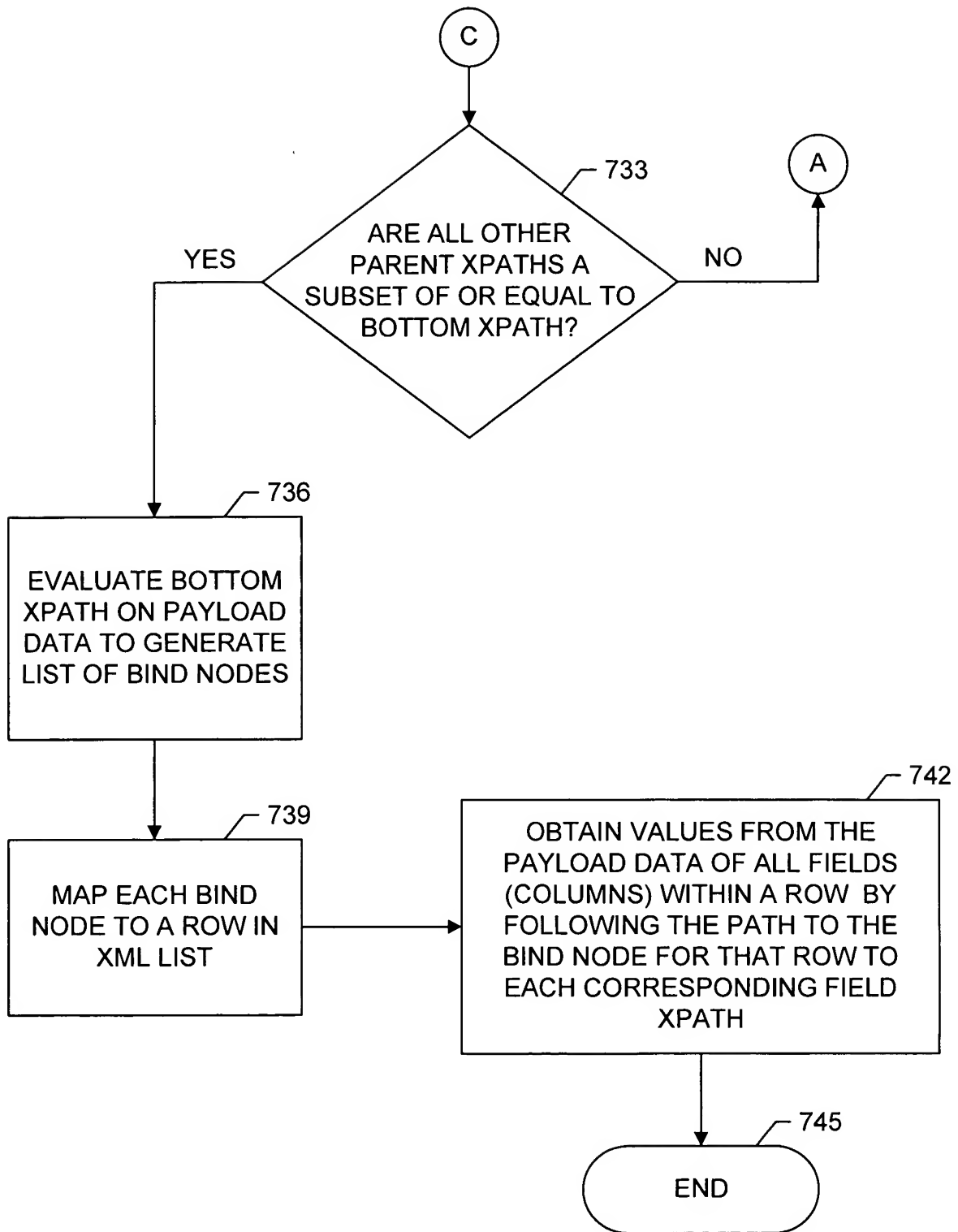


**FIG. 7A**



**FIG. 7B**





**FIG. 7C**